LAWRENCE and CO., 55, Parliament-street, Westminster, and 10, York-place, Lambeth, Manufacturers and Dealers in Tiles for:—Paving, 6in.; Chimney Shafts, per foot; various sorts of chimney-cowls and tops, perforated and in sheets, 10d. per foot; rain pipes, 3 in., 6d. per foot; ball nuts, 10d. per lb.; ventilating skylights, drawn bar, 4in. &c. &c. Also, Pipe or lead-plates prepared or engraved to best manner. Plumber and decorator supplied at lowest market prices.

DIXON'S INVISIBLE VENTILATOR.—This Ventilator is much neater and more simple than any hitherto invented. Can be made of any shape or size, and can be placed on any part of the windows. If accidentally broken, can be repaired by any country plumber, at the cost only of a pane of glass.—Models may be seen, and every information had, by applying to JAMES PHILLIPS and Co., 118, Bishopsgate-street Without, London.

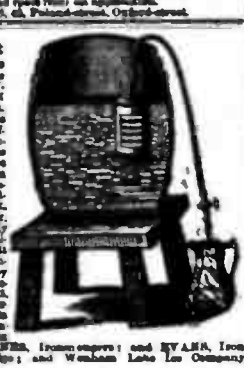
DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

are made on the true principles, and under the immediate direction of Dr. Arnott. All architects and builders are respectfully informed, that to obtain ventilation really counteracted on Dr. Arnott's principles, they must be procured from the original manufacturer. Great abuses have arisen, and repeated failures have taken place, from the use of valves purporting to be Dr. Arnott's, but which are in fact altogether different in construction, and have been disclaimed by the Doctor as not being by any means calculated to carry out his intentions: for, in their present state, they are generally found to be an absolute means of filling the room with smoke, instead of being useful as a means of ventilation. The public is no doubt aware that many architects, in their specifications, have found it necessary to direct that DR. ARNOTT'S VENTILATORS shall be of EDWARDS'S MANUFACTURE.

The Valve, made in a variety of patterns and sizes, at prices from 4s. to 30s. Trade to the trade on favourable Prospectus, with prices and sizes, to be had (post free) on application.

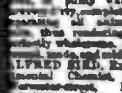
F. EDWARDS, 48, Poland-street, Oxford-street.

IN the Great Exhibition, Class XXII. No. 287.—The REGISTERED HYDROSTATIC SYPHON WATER PURIFIER,



for purifying and self-supplying and easily removable to any part of the house, and pipes for conveying it to the cistern, outside, in case of fire, &c. It becomes a syphon. It purifies rain, river, brook, and pump water, perfectly, completely removing all animal and vegetable matter, thus rendering it perfectly wholesome. Invented, made, and sold by ALFRED BIRD, Experimental Chemist, 14, Hanover-street, Hanover-square, London. Price 30s. Also sold by all Ironmongers and Chemists. Agents: BRAMAH, Ironmonger; and EVANS, Ironmonger, London-bridge; and Wenham Lake Ice Company, Strand.

THOS. LAMBERT and SON,



PATENTEES of the Flexible Diaphragm and High-pressure Valve Cocks,

Ball Valves, and Self-acting Water-closets; manufacturers of Hydraulic, Gas, and Steam Fittings, Tin, Lead, and Composition Pipes.

GHOST-STREET, NEW CUT, LAMBETH, LONDON.

TO ARCHITECTS, BUILDERS, &c.
ATTENTION IS REQUESTED TO THE

DIRECT ACTION BALL TAPS,

invented and patented by H. THOMPSON, C.E.

In these Taps the old-fashioned lever is done away with, whose many actions, whilst the water was being admitted, soon wore out the seat, and rendered the cock unsound.

The Direct Action Ball Taps cannot stop up or down, thereby either flooding or leaving premises with no water; a fault which all cocks, as now constructed, are liable to.

They will fill a reservoir in less time than any other tap of equal dimensions, on account of the water-way remaining fully open until the water in the cistern is within one inch of the required level, when they shut off without the possibility of waste.

The perpendicular principle, with compensating valve inside, renders this action unerring and perfect under any pressure of water.

Specimens can be seen in action at the office; and all necessary information, with drawings, forwarded by application to LABOUCHERE THOMPSON and Co., Engineers, 31, Parliament-street, Westminster.

STOCK and SON'S SOIL-PAN SERVICE-BOX.

The object of this contrivance is to facilitate the introduction of improvements into the drains of the working classes, by the absence of much an arrangement of closing each pan in opposition to it. Besides the economical supply of water service to be made by the removal of the refuse from the pan, the danger of this description, to which water companies are so severely and so properly subject. By the use of this apparatus an ample supply of water is obtained, without the necessity of the latter wasted by propping the valve, weighting the handle, or by other means. It is to be recommended that as long as the valve remains open, a further supply cannot be obtained from the main.—Drawings and descriptions may be obtained from STOCK and SON, manufacturers of plumbers' brass work, gas-fittings, and church furniture, in iron and brass, Temple-street, Birmingham.

EXCLUDED THE EXHIBITION.—MOST IMPORTANT IMPROVEMENT.—Licensed to Earthenware Manufacturers, Fire Brick, Tile or Pipe Makers, and Agricultural Drainers, for making Pipes with Sockets at one end simultaneously (being one body), and therefore avoiding all liability to be downwards; also, by use of extra-pressure and application of direct-action of steam.

THOMAS SPENCER'S IMPROVEMENTS in the MANUFACTURE of PIPES and TUBES, for SEWERAGE, WATER, FIELD DRAINS, &c. &c.; and also in the Manufacture of Garden Pots, Crucibles, Pans, Bowls, and other Hollow Earthenware.

The patent process may be seen in active and efficient operation at the Patentee's Works, Moss Potteries, Prescot, Lancashire, where all parties interested are invited to inspect the same.

N.B. This process presents the three essentials of success—the largest quantity of product, the best quality of article, at the smallest cost of manufacture.

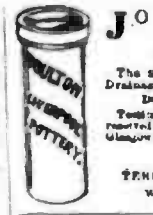
Terms given, with any further particulars needed, on application at the above, ROBINSON and COOK, authorised Machine, Pipe, &c. Makers, St. Helens.

ILLUSTRATED TRADE LISTS; containing much information useful for reference; also numerous testimonials respecting a MATERIAL which, when well wrought, is peculiarly important for every other description of manufacture, for ridges, tiles, mullions, and every part of roofs, for plain or ornamental floors, for paving and erections of a strong and durable nature, also many other purposes, supplied genuine by THOMAS PEAKE (proprietor of Peake's "Terro Metallic"), No. 4, WILLIAM-CITY-ROAD BASIN, LONDON, and at THE TILEKILNS, TUNSTALL, STAFFORDSHIRE. The lists contain both prices by number and approximate cost by measure. It is solicited that letters be prepaid, and state if the Staffordshire or London prices are wanted. Specimens at the GREAT EXHIBITION, Class 27, No. 135 (having been at first No. 111).

MANUFACTURERS of GLAZED STONEWARE PIPES, Bends, Junctions, &c., also FIRE BRICKS, Vertical Fire Bricks as used by her Majesty's Commissioners of Sewers, White Fire Clay, Facing Bricks, &c. &c. Agents.—Messrs. FREEMAN and RICHARDSON, No. 4, South Wharf, Paddington, London; Mr. W. RAWLINS, Bangor Wharf, Caernarvon, and Messrs. HERTSLET and Co., Adelphi Wharf, Strand.

DRAIN PIPE WORKS.—T. SMITH,
71 & 72, PRINCES-STREET, LAMBETH, and ALBION POTTERY, OLD FORD, BOW.

Builders, Contractors, and others, are invited to apply for themselves as to quality, &c., of the HALF-GLAZED and GLASS-LINED DRAIN PIPES.—Drawings, with list of prices and terms, may be had upon application, or forwarded per post.



JOHN DOULTON, Jun.,
LIVERPOOL POTTERY,
ST. HELEN'S, LANCASHIRE.

The most economical and efficient system of Drainage is formed with

DOULTON'S STONEWARE PIPES

Testimonials as to their superiority have been received from the Borough Engineers of Liverpool, Glasgow, and other cities.

FIRE-CLAY FLUE PIPES
TERRA COTTA CHIMNEY TOPS, &c. &c.
WAREHOUSE, 79, SOHO-STREET, LIVERPOOL.

IMPROVED DRAINAGE
BY ROYAL LETTERS PATENT.

STANDING, FRANKLIN, & STANDING,
Sole Patentees and Manufacturers of the PATENT GLAZED STONE WARE SEWAGE PIPE. Offices, 31, Cornhill, entrance in Change-alley; Factory, Brunswick Wharf, Commercial-road, Limehouse.

By employing their patent machinery, S. F. and S. are enabled to produce a pipe far stronger and other purposes in every way far superior to those made by any other process, but more especially in those qualities so absolutely essential to a perfect, and cleanly mode of drainage. From the great and uniform amount of pressure, and peculiar construction of the machinery adhering the air to escape, used in manufacturing, their pipes are entirely free from air bubbles, preventing their greater strength, durability, and ensuring preventing the materials permeating through; they are much smoother on the inside, insuring a perfect passage for the sewers, and preventing any deposit.

Specimens may be seen at the offices, 31, Cornhill, where prices, &c., may be obtained, and licences granted for the use of the patent machines.

STEPHEN GREEN and CO.'S IMPROVED DRAIN PIPES,
GLAZED INSIDE—WORKS, IMPERIAL POTTERIES, PRINCES-STREET, LAMBETH.

Common-shape Closet Pans, well glazed inside, 7s. 6d. each.
Extra, if fitted with the patent air-tight valve, by which the trap can be cleansed without removing the seat, 1s. 6d. each.
Various patterns of improved shapes always on hand.

Straight Tubes, Junctions, Bends, Curves, Elbows, Syphon-traps, Stop-traps, Urinals, Surface-grates, and Increasing Pipes always kept stock.
Manufacturers of the

PATENT SYPHON FLUSHING-BASIN, WITHOUT METAL SPREADER, WITH SELF-ACTING CLOSET CONNECTIONS. Specimens of Pipes and Closets at the Great Exhibition, Classes 29 and 27.
For Illustrative drawings and testimonials, see BUILDER, May 31, 1851.

JAMES STIFF, MANUFACTURER of GLAZED STONE WARE DRAIN PIPES,
BENDS, JUNCTIONS, TRAPS, &c., 29, HIGH STREET, LAMBETH, LONDON. Established 1751.
Water Closet Pans, with Syphon Traps, 7s. 6d. each.
STRAIGHT TUBES, with Socket Joints, in 2 feet lengths.

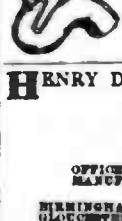
The great advantages attending the use of these articles are now so generally understood, as to render any comparisons of them almost superfluous. Their cheapness, efficiency, and durability, are universally admitted; while the rapidly increasing demand for them proves their estimated superiority over every other kind hitherto before the public for similar purposes.

Inspection is invited to an assorted stock of Drain Tubes, of every form and size, adapted to the various circumstances for which they may be required; as also to the WATER-CLOSET PANS OF IMPROVED CONSTRUCTION, and interior glaze far surpassing any other manufactured of Brown Stone Ware.

N.B. These are made without the discharge-hole being turned downwards.

May be had also at Messrs. GLADDISH'S LIME WHARFS, Pedlar's Acre, Westminster-bridge; City-road Wharf, City Basin; Dockhead, Bermondsey; Deane's Wharf, foot of Battersea-bridge, Chelsea; Frost Wharf, King's-road, Camden New Town.
Drawings and List of Prices will be forwarded on application.

REGISTERED CLOSET PANS WITH STRAIGHT BACKS.
[No. 1818.]



DOULTON AND WATTS,
LAMBETH POTTERY LONDON,

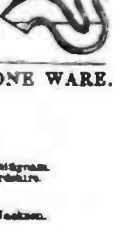
Offer these CLOSET PANS OF IMPROVED FORM WITH SYPHON TRAPS at the Price of the Common shaped Pans.

Price 7s. 6d. each.

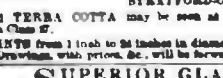
A Liberal Discount allowed to Builders and Plumbers.

N.B.—Patterns Nos. 1, 2, 3, and 4, as in former Advertisements, manufactured as usual.

*** The advantages of these Registered straight-back Pans is their greater CLEANLINESS. Patterns Nos. 1, 2, 3, and 4, as in former advertisements, manufactured as usual.



HENRY DOULTON AND CO.'S DRAIN PIPES IN GLAZED STONE WARE.



OFFICES—HIGH-STREET, LAMBETH, LONDON, and Granville-street Wharf, Broad street, Birmingham.
MANUFACTORIES—High-street, Lambeth, London; and Birmingham Pottery, Bowley Bents, Staffordshire.

May also be had as follows:—

BIRMINGHAM	Granville-street Wharf.	CHELTENHAM	Mr. J. Rimard.
GLOUCESTER	Mr. James Symmons.	LEICESTER	Messrs. J. and W. Jackson.
NORTHAMPTON	Messrs. Adams and Greenough.	WOLVERHAMPTON	Mr. R. Shelvey.
WORCESTER	Messrs. Bowen and Son.	TAUNTON	Mr. Geo. Pollard.
COVENTRY	Mr. J. Alcock.	STRATFORD-ON-AVON	Messrs. J. Cox and Son.

SPECIMENS of DOULTON'S PIPES and TERRA COTTA may be seen at THE GREAT EXHIBITION, Hyde Park, outside the building, west end, north side, and in Class 27.

STRAIGHT TUBES WITH SOCKET JOINTS from 1 inch to 24 inches in diameter. BENDS, JUNCTIONS, TRAPS, &c. OF EVERY DESCRIPTION. Drawings, with prices, &c., will be forwarded free on application as above.

SUPERIOR GLAZED STONEWARE DRAIN PIPES, invented and manufactured by WILLIAM NORTHEN, UNION POTTERY, No. 14, VAUXHALL WALK, LAMBETH.

W. NORTHEN begs to inform surveyors, contractors, builders, water companies, &c., that he has completed a "symposy" new and improved machinery for making GLAZED STONEWARE DRAIN PIPES, JUNCTIONS, BENDS, ELBOWS, SYPHON-TRAPS, &c. &c. Amongst the many advantages of pipes made by this machinery over all others may be mentioned, that it insures perfect uniformity in form and size, both of pipes and sockets, the clay being of a different and better construction than any others now in use; and the pipes and sockets being made by one process are secure from separation.

W. N. invites particular attention to the superior quality of the glaze used in his manufactory, which is equal to glass, and rendering cleanage in the drains impossible. CLOSET PANS, with loose and fixed traps, and improved inside, while place.—W. NORTHEN'S PIPES MAY BE INSPECTED AT THE FOLLOWING PLACES, WHERE ORDERS ARE RECEIVED:

Rimber and Co.'s Wharf, Limehouse, Kingsland, Blackfriars, and Millbank, Westminster.—Martin and Wood's, Market Wharf, Regent's Park Basin.—J. C. Hillyer's, Crown and Horse-shoe Wharf, No. 4, Upper Thames-street.—Long and Son, Richmond.—Freeman and Richardson's, South Wharf, Paddington.—G. Erith's, Cambridge Heath Wharf, Hackney.—W. Perry's, Canal Bridge, Old Kent-road.—Millwood and Samuel's Wharfs, Kensington Basin, and Creek Wharf Hammersmith.—J. Corbet's Depôt, Britton-street Clerkenwell, and at the Pottery.

For a comprehensive guide on OCR and PDF Compression visit ThePaperlessOffice.org